demonstrating brass inst Alveda Lofgren, soprano. With Brabms," by Miss Ros TUESDAY.

WEDNESDAY

FRIDAY. i:50 P. M.—Instruction in radio. b:00 P. M.—Joint recital by Miss Leonite De Ahna, contraint: Mr. Charles McBrid cellist: Miss Miriam Waller, planist.

No matter what other radio books you have, you need

THE COMPLETE

RADIO BOOK

By Raymond Francis Yates

Formerly Managing Editor of The Popular Science Monthly, And L. G. Pacent.

(One of America's Ablest Radio

THE book on radio for which the vast

public interested in the subject has been eagerly awaiting. Endorsed by the Radio Section of the Associated Manufactur-

ers of Electrical Supplies. Covers the subject au-

thoritatively and com-

pletely - theoretical, historical and practical

sides. 40 diagrams and 25 illustrations. Price \$2.00. (Published by The Century Co., 353 Fourth Ave., New York

OINK-A-TONE

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superiority. SEE IT AT YOUR DEALERS

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Receiving Sets

\$35.00 to \$350.00

(Prices include installation.) Bring Programs of Best Broad

Executive Office 1834 Broadway

8:50 P. M.—Instruction in radio. 9:50 P. M.—Concert under the the William Knabe Compans. Jean. cellst: Mass Marie Dvor Mr. Charles Volnout, Vollniet: King Russell, seprano; Sidney

#### COMMERCIAL RADIO WORLD LATEST NEWS OF THE AMATEUR AND

# HOW TO KEEP RADIO SAFE IN LIGHTNING

Amateurs Advised to Disconnect Antenna and Ground Wires.

PRECAUTIONS SUGGESTED

Operators Told Not to Attempt to Get Results While Storms Are in Progress.

One of the most debated questions among radio amateurs and broadcast

the protection of the house, the operator

He suggests for the house the installation of a lightning switch or a grounded short gap of approved design, avoiding

By A. F. VAN DYCK.

The second part of a radio receivery description intallation will not be received and second control and accordance from heavy electrical discharges of a second control and accordance from heavy electrical discharges from heavy electrical from heavy elect

Don't touch the ground wire or the

ont touch the ground wise or the antenna lead wire while the storm is in progress.

If you use a lightning switch don't touch it while the storm is in progress, even though it may not be set in the grounded position.

demand of amateurs throughout The tubes were bought several years ago for the navy, but are to be disposed of now for the double purpose of realizing on the radio material now classified as surplus and of helping out radio enthusiasts who have sets complete except for the magic tubes which are the heart of the outift.

The tubes, which are described as C.

Parasol Set Wins Women to Radio



listeners is whether a man who hangs out at the same time an invitation to every lightning boit in the vicinity to come and pay him a visit. The warmth of the debate reaches its greatest height when one of the participants is the unscientific but forceful landlord of an apartment house and the other is a tenant.

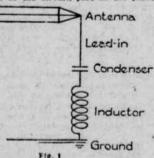
The question is answered by G. K. Thompson, radio superintendent of the American Radio and Research Corporation, as follows:

"You should harbor no fear that your radio installation will attract lightning. The chances of lightning striking your home this summer are no greater than the chances last summer. You should make it a point, striking your antenna by lightning striking your antenna by lightning striking in the neighborhood."

Mr. Thompson, in discussing light. Mr. Thompson, in discussing lightning. Mr. Thompson, in discussing lightning. Mr. Thompson, in discussing light in light of the partson, and the protection of the carting at the protection of the carting and provided the subcled as easily as any other. Mr. Thompson, in discussing lightning, Mr. Thompson, in discussing light in light of the most under the partson of the partson

## ENGINEER EXPLAINS THEORY OF TUNING FOR AMATEURS

familiar to every one by that name. Inertia is the property of matter by which it is difficult to get it into motion which it is difficult to get it into motion and, after going, difficult to stop it. It takes more power to start an automobile than to run it, on level ground, and it best to use two or more metal plates.



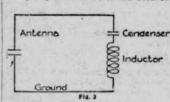
the service of the outfit.

The tubes, which are described as C. G. 1162 radio transmiting vacuum tubes, may be used an detectors and amplifers when used in a transmitting wacuum tubes, may be used an detectors and amplifers when used in a transmitting socket or an ordinary receiving tube socket of an ordinary receiving tube socket about 45 degrees from the usual sold. This is essential on account of the retaining pin as ordinarily found on receiving tubes being sold to-day.

Purchasers of the tubes are required to sign an agreement to sell the tubes in original carrions and bearing a notice that the tubes are licensed only for anneture repetitions. The tube sold is a five watt tube can the need for resolving the source and age of the tubes and the need for resolving the source and age of the tubes are fully as the certified the sold in a five watt tube and when used for transmitting process requires a filament voltage of volts. The plate voltage used is any proximately 309 volts. In order to give the tubes for the pushes are timed to occur at just and proximately 309 volts. In order to give the tubes for receiving, tests were motion with very small pushes if the pushes are timed to occur at just and order to give the tubes of the compared with the CW 923 tube, also called the VT-1 and J, and the KS 1444.

The performance of the CG 1162 tube fairly closely-approximated that of the CW 933 as an oscillator and amplifier and the source of plate voltage, especially as compared with the C.W. 933. The CW 933. The CW 933 as an oscillator and amplifier the compared very favorably with the so-cealled 'harder' tubes now sold for amale tour and experimental use.

In the part of the CW 933 as an oscillator and amplifier and the compared very favorably with the social of the pushes are timed to occur at the compared very favorably with the social of the compared very favorably with the social of the compared very favorably with the social of the course of the compared very favorably with the social of the course of the cour



than to run it, on level ground, and it takes power to stop it.

When a plano wire is started in motion by a blow it starts to move but can't keep going in that direction because the ends are held. It bounces because the ends are held. It bounces to the can't keep going in that direction because the ends are held. It bounces to the can't keep going in that direction because the ends are held. It bounces to the can't keep going in that direction because the ends are held. It bounces to the can't keep going in that direction because the ends are held. It bounces to the tuning of an electric circuit behaves the same way. It has electrical inertia and electrical clasticity, and if struck an electrical leasticity, and if struck an electrical tendency of the which is called oscillation) at a rate which is determined by the electrical tendency of the surface of the ground form another condenser, the antenna wires and the ground the other. The first diagram might de drawn, as in Figure 2, to show what the circuit really is electrically of these tuning devices, the condenser and the inductor, must be adjustable of course.

### TELLS HOW TO WORK VACUUM TUBE SETS New Book Explains How Novice Can Get Best Results.

# **EVENTS OF THE WEEK** IN THE RADIO FIELD

Cavalleria Rusticana to Be Broadcasted in Full by WJZ-William J. Flynn, Former Secret Service Chief, to Talk on Check Forgers.

The program for the week of the various broadcasting stations, which can be heard within a radius of several hundred miles of New York, are presented herewith. During the week THE NEW YORK HERALD will print the daily programs of the stations each morning.
Times given are daylight savins.
Tune instruments for 360 meter waves,
except in the case of WVP, which sends
on 1,459 meters.

SUNDAY.

3:00 P. M.—Radio chapel services, sermon by Rev. Paul Scherer; sacred music by the church quartet from the Lutheran Church of the Hely Trinity, New York.

4:00 P. M.—"What the People Want to Read." by Mrs. Honore Willsie, author of "The Heart of the Desert"; courtesy National Association of Book Publishers.

4:30 P. M.—Recital by Mabelle Blume, dramatic soprano, formerly soloist at the St. Paul's Episcopal, Akron, Ohio, and very well known by her operatic and concert engagements. May Helen Blume, planiste, won several scholarships at the Art Students League. "When Love Is Kind" (Old English), "Minnetonka," Lleurance; "The Danza," Chadwick; "Musica Prolbita" (Old Italian); "Habanira from Carmen," Bizet: "Chantex, rier, dormez," Gounod; "Lewel Song from Faust," Gounod; "The Thrill o' You," Vanderpool; "When You're Away," Herbert; "My Saddle," Thayer: "Aomanza from Daughter of the Regiment," Donizetti; "Mighty Lak' a Rose," Nevin.

6:00 P. M.— Business and Industrial Conditions in the United States, "as observed by the National Industrial Conference, Bostom.

7:00 P. M.—Stories from St. Nicholas Magazine: courtesy of the Century Company.

7:40 P. M.—"Child Welfare," by Dr. Frank Richardson, from the speakers' bureau of the Brooklyn Chapter of Red Cross Society.

8:60 to 9:30 P. M.—Concert under the direction of Charles D. Isaacson, music leader of the New York Evening Mail. Program:

1. "The Romance of Great Artists," by the chnirman; 2. (a.) "Romanzo," Sinding:

1. "The Romance of Great Artists," by the chnirman; 2. (a.) "Romanzo," Sinding:

(m). "Valse in A Major," Brahms-Hocastein; (c.) "Scherzo Tarantelle, Wieniaw-ski, Edwin Grass, vlolinist; Alma Danaig, at the plane; 3. (a.) "Lungl dal caro beine," Secondi, (b.) "Ouvre tes yeux bleux, Massenet; (c.) "Song of India," Pinnsky-Karsakoff; Barbara Maurel, so-prano; Frederick Bristol, at the plane; 4. (a) prelude, C minor, Choplin; (b) Nocturne F sharp major, Choplin; (c) "Tarantelle, Moszkowski, E Robert Schmitz, planint; 5. "Face to Face with Moszar, Charles D. Isaacson, chalrman; 6. (a) "Waves at Play"; (b) "Song Without Words," in G major; (c) Scherzo, Grasse, Mr. Grasse; 7, (a.) "Solder's Bride," Rachmaninoff; (b) "Last Year's Rose," Frank (Grey; (c) "Ry the Waters of Minnetonia," Lieurance, Miss Maurel; 8. (a) Second Arabesque, Debussy; (b) "St. Francis Walking on the Waves," Lizzi, Mr. Schmitts.

9:30 P. M.—Concert by the Melrose Quinted for New York city, Chester A. Hawkes.

TUESDAY.

7:00 P. M.—'Man in the Moon' stories; courtesy Newark Sunday Call.

7:20 P. M.—'A Vision of War,' eulogy to our veterans, by Robert Ingersoll, read by an editor of the Truth Seeker.

7:45 P. M.—'Bool Star Mothers,' by Alice Lurrell Stucek.

7:55 P. M.—'Broadcasting Broadway,'' by Bertina Brainard.

8:09 P. M.—A Memorial Day address by Capt. Warren P. Coon, former chaplain of the 118th Infrantry, Twenty-ninth Division, A. E. F., and New Jersey State Assemblyman: musical program of patriotic selections, including "My Own United States," by G. Earle Kindleberger, tenor.

United States," by G. Earle Kindleberger, tenor.

2. 00 P. M.—Bugle concert by Charles Duerr, private, Headquarters Company, 312th Infantry, Seventy-eighth Division, chief trumpeter, Black Prifice field music. Program: First call, "Black Prince March," reveille, "Hert Lawrence March," assembly, "Drop of Water," chow call, "First New Jersey Infantry March," drill, pay day, sick call, guard mounting, "Stable, to the Color, adjutant's call, retreat, fire, tattoo, church recall, officers' call, call to quarters, fatigue, taps, school.

3.30 P. M.—Recital by Lucille Collette, violating, of New York.

3.37 P. M.—Recital by Lucille Collette, distinguished Parislan violin virtuoso. Mr. Peterson will be the accompanist.

WEDNESDAY.

Peterson will be the accompaniat.

WEDNESDAY.

6:00 P. M.—"Review of the Iron and Steel
Industries and Their Relation to General
Business Conditions," by the "Iron Age."
7:00 P. M.—"Antmal Stories," by Florence
Smith Vincent, New York Evening "Telegram." Smith Vincent, New York Evening gram."

8:00 P. M.—Literary period, conducted by editorial staffs of the "Outlook," "Scientific American" and Harper & Bros.

9:30 P. M.—Joint recital—Inez Barbour, soprano, who has appeared in concerts with the principal symphony orchestras of this country. Henry Kimball Hadley, composer, pianist, conductor of the Stadium Symphonic Orchestra and associate conductor

of the New York Phiharmonic Orchestra, an exclusive Duo-Art artist. The programs for Miss Barbour and Mr. Hadley will be announced by radio. Courtesy of the Aco-

THURSDAY.

Hospital. Officers of the society: Charles Hirsch, president: Fred Wassmer, vice-president: Robert Kastens, corresponding and recording secretary; Franz Stamer, treasurer; Charles Miskam and August Rose.
Frogram: "Einsiedler an die Nacht," Kern; solo, aria from the opera "Hugenotten," Meyerbeer, by Bertha Franz; Serenade," Meyerbeer, by Bertha Franz, Serenade," Nevin; "Naie," Kennedy; solo, "Duel Wanderer, Hermann, by Walter Klancke; "Stille Thal," Kles; "Schatzel Klein," Zaut: "Crucifix" (duet), Fame; duet by Bertha Franz and Walter Klancke; "Laughing," Abt; "Kentucky Babe," Gelbel; "Waldmargen," Koliner.
"Oto P. M.-Recital by James F. O'Neil, Irish-American lyric-dramatic tenor; Sally Zamzok (Mrs. J. H. Leff), accompaniste. Program of song successes of Chauncey Olcott and other standard Irish ballads: "That Litie Town in the Old County Down," Elleen Allansh, "The Tumble Down Shack in Athlone, "Springtime in Mayo Means Love Time With You," I'll Take Thee Home Again, Kathleen, "Halfes "Killarney,"

30 P. M.-Concert by the Tennessee Five society dance orchestra, well known in New York and New Jersey-A. Loeffier, pianist; John Hull, tenor banjo; Bruce Mapes, sax-ophone; Carl Moser, drums, and William Wagner, Jr., violinist and director.

FRIDAY.

John Bull, ophone: Carl Moser, ophone: Carl Moser, Wagner, Jr., violinist and FRIDAY.

SATURDAY.

MONDAY.

TUESDAY.

8.45 F. M.—Concert program. Plano solo—
Isoide's Love Death," from Tristan and
Isoide, Wagner (transcription by Franz
Lizat): Rudolph Ganz, due art. Soprano
solo—"A Memory," Park, Miss Edith R.
Ennis, Joseph G. Derrick, accompanist.
Trombone solo—"Down on the Farm" (with
variations), Haritey, George Gould, Reading—(a)—"Harrigan Came Home Again, (b)
"Somebody," Braley Kolm Hager. Tenor
Solo—"Until," Sanderson; J. A. Culhane,
Miss M. H. Culhane, accompanist. Address
—"The Port of New York," by R. F. Cresson, chief engineer of the Port of New
York authority. Trombone solo—"Sliver
Threads Amoug the Gold, Danks; Mr.
Gould, Plano solo—Air de Ballet, Chaminade; Irving C. Bullock, Soprano soloQuando me'n vo soletta, from "La Boheme," Puccini; Miss Edith R. Ennis, Joseph G. Derrick, accompanist. Tenor
solo—"Isle of Dreams," Olcott; Mr. Culhane, Reading—Baseball, Braley; Mr. Hager, Soprano solo—Prince Charming, Leftmann; Miss Eonis, Mr. Derrick, accompanist. Trombone solo—"Love's Enchantment,
Fryor; Mr. Gould. Tenor solo—"Fried of
Mine," Sanderson; Mr. Culhane; Miss Culhane, accompanist.
WEDNESDAY.

1:30 P. M.—Noon stock market quotations. 7:00 P. M.—Stock and produce market quo-tations and reports; basebail results and late news builetins.

Arabesque, Debussy; (b) "St. Francis Walking on the Waves," Liszt, Mr. Schritz.

Schritz.

Schritz.

Schritz.

Schritz.

1.30 P. M.—Stock and produce market quotations.

1.30 P. M.—Produce and stock market quotations.

1.30 P. M.—Produce and stock market quotations.

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1.30 P. M.—Concert program. Violin solo—"Ready," "Every Time I Feet Use Spirit."

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1.31 P. M.—Concert program. Violin solo—"Ready," "Every Time I Feet Use Spirit."

1.32 P. M.—C

FRIDAY.

Mr. and Mrs. George J. Perkins.

FRIDAY.

1:30 P. M.—Early stock market quotations.

7:00 P. M.—Produce and stock market quotations, baseball results, news bulletins.

7:30 P. M.—Ninth chapter of "Alice in Wonderland," Kolin Hager, reader.

8:40 P. M.—Health talk, "Modern Treatment for Hay Fever," by Dr. Liternann M. Biggs, New York State Health Department.

8:43 P. M.—Goncert program. Program furnished through the courtesy of the Chamber of Commerce, Herkiner, New York) Fox trot, "This Is a Mean Job," Wilste, Perry Dance Orchestra; harp solo, "Deux Chansons San Parole," Dubez, Mrs. Francis, J. Grogan; piano solo, "Americaine Folianise," John Carpenter Marguerite R. Marshall; male quartet, "De Coppa Moon," Shelley, A. E. Williams, first tenor, C. T. Gloo, second tenor; G. C. Steele, barylone; G. W. Searles, bass. Barytone solo, "Suning and You," Arthur A. Fenn, Wilbur R. Sluyter, Fox trot, "Everyhody Step," Review of the Commerce of the Commerc

MONDAY.

2:40 P. M.—Brif program by the Hackelberge Trio: (a), selection from "La Boheme," Puccini: (b), Spanish dance, Mosskowski. 3:40 P. M.—Story line, by Anita Ascher, subject, "Anecdotes of the War." 4:40 P. M.—Children's hour, given by Elsis Jean, well known writer of children's stories and verse. Subject, "Charlie Learns to Speil." 10:30 P. M.—Memorial address by Edgar White Burrill, well known because of his literary vespers at Town Hall, New York City. Subject: "In Memory of Those That Died That America Might Live." WEDNESDAY. 1:40 P. M.—Brief song recital by Edna Beatrice Bloom, soprano; J. Thurston Noe at the piano: (a) "For You Alone," Geshii (b) "The Star." Rogers: (c) "Smillin Thru," Pen.

THURSDAY.

SATURDAY. 61ds. (40 P. M.—Brief program by the Hackel-Berge Trio (a) "Te Who Have Yearned Alona" (Tachaltowsky), (b) "Sizilictta" (Von Blon), (c) "Among the Rosea" (Lake).

P. M.—Program of music, "Compara-and Characteristique." Hawalian 8:15 P. M.—Morris Burroughs, and Dorls White W. walian instrumental music by MacDowell sisters, march, "Hilo"; 2, Hawaiian songs by MacDowell sisters (a) "Old Plantation" (Huu Home) (b) "My Honolulu (jiri"; 3, American group by Trinity Trio (a) "Dream" (Bartlett), (b) "Stars and Stripes Forever" (Sousa), (c) "I Hear You Calling Me" (Marshall); 4, Hawaiian Songs by MacDowell sisters (a) "Hawaiian Twilight," (b) "Cloke Oe" (Farewli to Thee); 5, Hawaiian instrumental music by MacDowell sisters (a) "Come On, Nancy," (b) "Drowsy Waters"; 6, American group by Trinity Trio (a) "The Sheik," (b) "Gin Gin Ginny Shore"; 7, Hawaiian Instrumental music by MacDowell sisters, "Honolulu March."

STATION KDKA. Pittsburgh (Westinghouse).
SUNDAY.

SUNDAY.

10.45 A. M.—Services of the Point Breege
Presbyterian Church, Fifth and Fenn avenues, Pittsburgh, Pa., Dr. P. H. Barker,
minister.

2:45 P. M.—Children's Bible story, "Two
Boys, Two Gifts, Two Rewards."

3:09 I'. M.—Radio chapel at Westinghouse
Station KDKA, conducted by the Rev. L.

S. Willkinson, pastor Homewood Avenue
Methodist Episcopal Church, Homewood
avenue and Tioga street, Pittsburgh, Pa.

9:30 P. M.—Services of the Calvary Episcopal Church, Pittsburgh, Pa., the Rev E. J.
Van Etten, rector; Harvey B. Gaul, organist and director.

MONDAY.

NONDAY.

7 P. M.—Weekly survey of business condition,
National Industrial Conference Board

8 P. M.—"The Future of Pittaburgh Aorial,
Activities." A. H. Krigger, secretary of the
Aero Club of Pittaburgh, Pittaburgh, Pa.
From the Pittaburgh Foat Studie.

8 P. M.—Verraitle entertainment by the
Southern Ladies' Club of Pittaburgh, Pa.,
arranged by Mrs. C. Perry Kiefer

TUESDAY. TUESDAY.

TUESDAY.

P. M.—Weekly dress talk.

P. M.—Preamble of the Constitution" and "Flanders Field," R. R. McWhitney, attorney, Pittsburgh, Pa. "In Memory of Thomes, Pittsburgh, Pa. "In Memory of The All of Whom Gave Much and Sonie of Whom Gave All," C. C. G. Stoller, secretary and treasurer Title Guararty Company of Pittsburgh Flutsburgh, Ps. From Pittsburgh Post Studio.

P. M.—A variety of vocal and instrumenta selections by N. J. Caton, tenor: Elizabeth Coles, violinist; Gertrude J. Hess, sopranoviky, barytone; Miss Ellenor Steinbrenner accomponist.

WEDNESDAY.

WEDNESDAY.

WEDNESDAY.

7 P. M.—Weekly summary of "The Iron Age." From Pittsburgh Poet Studio.

8 P. M.—The Value of Classics," Miss Florence A. Ruih, dean Pennsylvanis College for Women, Pittsburgh, Pa. "Denithery as a Profession," Dr. J. F. Biddle, instructor at dental school, University of Pittsburgh and ex-president of the Fennsylvania State Dental Society. From Pittsburgh Post Studio.

9 P. M.—Classical vocal selections by pupils of Aifred Bartletti, Pittsburgh, Pa. From Pittsburgh Fost Studio.

THURSDAY.

THURSDAY.

P. M.—"Vocations for Giria," Miss Eather M. Smith, former superintendent of the United States Women's Employment Service. From Pittsburgh Post Studio.

P. M.—Concert by the Edgar Themson Steel Works Orchestra of Braddock, Pa. Walter Halle Brown, conductor.

P. M.—Monthly review of business conditions, Clark Hammond, vice-president Commiss. National Bank, Pittsburgh, Pa. From Pittsburgh Post Studio. FRIDAY.

FRIDAY.

S.F. M.—'Law as a Profession,' J. MeF.
Carpenter, Judge of the Common Pleas
Court, North Side, Pittsburgh, Pa. 'Secretartal Training,' M. A. Nernberg, detector of forgeries in handwriting, Pittsburgh, Pa. From Pittsburgh Post Studio.

9 F. M.—A pleasing program of vocal selections by Carl Fromholzer, violin; Frank
Fromholzer, cello; Mra. L. Crawford Van
Oredale, plano; Charles H. Anderson,
Cordale, plano; Charles H. Anderson,

TUESDAY. 130 P. M.—'Lincoln's Gettsburg Address,' Miss Eunice L. Randall (by request). 130 P. M.—Hedtime story, 'Tad's Decora-tion Day" (Balley), read by Miss Eunice L.

Randali ... "Vacation Typhold," personal hygiene talk No. 29, by B. A. Weicome, executive secretary junior department, American Red Cross. ... "Cloud P. Haight. ... "The Walk Straight Club," ... 15 P. M.—Steteon Humphrey, Lexington, barytone, "Recessional" (De Koven), "Song of Thanksgiving" (Allitson), "Vale" (Kennedy).

WEDNESDAY.

WEDNESDAY.

7:35 P. M.—Sunday's bill of fare by Miss L. H. Goodwin, Massachusetts Division of Markets, Department of Agriculture. St. P. M.—Arnold Root, Swiss-American vodier, "Sicep, Baby Sleep", "Cuckoo Song," "Up in the Mountains."

5:30 P. M.—Song recital by Edith Gates, nezzooprano, and Frank J. Kidder, bass, assisted by Anna Eichhorn, violinist, and Dorothy Parker, accompanist. "Rose of My Heart" (Lohr), Mrs. Gates and Mr. Kidder, "Lascia Ch'io Pianga" (Ah, Let Me Weep, Lord') aria from "Rinaldo" (Handel, "The Danza" (Chadwick), Mrs. Gates: "My Sweet Repose" (Schubert), "The Two Grenadiers" (Schumann), Mr. Kidder, "Slavonic Danse" (Dvorak-Kreiser), "Scherzo-Tarentelle", (Wleniawski), Miss Eichhorn; "Sayonara" (Farewell), a Japanese romance founded upon Japanese melodies (Cadman) (a) "I Saw Thee Feast of the Dead I Watched Thee" (a) "All My Heart is Ashes" (d) "The Japanese romance founded upon Japanese melodies (Cadman) (a) "I Saw The First When Cherries Bloomed" (b) "Lie Feast of the Dead I Watched Thee (c) "All My Heart is Ashes" (d) "The Wild Dove Cries on Fleeting Wing. Mr Gates and Mr. Kidder: "The Nightingalo of Lincohi's Inn' from "Songs of Old Lodon" (Oliver). "Homing" (Del Rilego "By the Waters of Minnetonka" (Lieu ance), with violin obligato, Mrs Gates "Bedouin Love Song" (Chadwick). "Allal (Chadwick). "Duna" (McGill), Mr. Kidde "The Swan" Saint-Saens, allegro, E Minconceto (Mendelssohn), Miss Eichhorn "Oh! That We Two Were Maying" (Nevin "Flarcarolle" (From "Tm Tales of Homen," act 3) (Offenbach), with viol obligato, Mrs. Gates and Mr. Kidder.

THURSDAT.

Alone in the Tribush obligato.

8:20 P. M.—Ethel Kenna Brooks, the GalliCurci of the East. Selections, "Cara
Nome," from "Rigoletto" (Verdi), "Plantation song, "Ma Curly Headed Babby"
(Clutsam), "Chanson Provoncole" (Dell'
Acqua), "Mattinata" (Leoncavallo), "The Acqua), "Mattinata" (Leoncavallo), Tue Wren" (Benedict) .00 P. M.—Jack Western's Syncopators, Fred McCartney, plano; Edgar Rossi, vic-lin: Bradford Gowans, saxaphone; Jack

Station WVP, Fort Wood, N. Y. C. (U. S. Signal Corps). MONDAY. MONDAT.

1:00 P. M.—Instruction in radio.

1:00 P. M.—Concert under the direction of Mr. Charlest Issaccon. Among the artists who will take part in the prefram are Mr. Harold C. Luckstone, barytone: Miss Diank Kasner at the plano. Lieut Clifford E. casting Stations to Your Home. Write for Catalog, Prices, etc.

ROSS RADIO Installation Co. 1834 Broadway, N. Y. C. Tel. Columbus 9506: Suite 215.





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ments, flats and hotels. Used on any receiving set, in any room. Attach to electric light socket. Hear Schenectady, Newark, Springfield, Pittsburgh, Detroit, according to range of receiving set. Shock, lightning and Price \$4.25, at your dealer's,

or \$4.40 Parcel Post. RADIO PRODUCTS CORP. 202 Telegraph Bldg., Detroit, Mich.

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DEALERS!

